

## RG6 Coaxial Cable Shield 95% Black Jacket 305M/Roll HD695BV-305



### Product Summary:

HD Cable HD695BV RG6 coaxial cable shield 95% black Jacket is a common type of coaxial cable used in a wide variety of residential and commercial applications. Center conductor 18 AWG and characteristic impedance 75 ohm. Suitable for centralized TV systems CCTV systems and video applications. HD Cable HD695BV is high performance can be used for Analog & Digital CATV system, MATV system, Internet DOCSIS & EOC System Including inside the house, hotels, hospitals, condominiums, apartments, dormitories, etc.

### Specifications:

| ITEM                                | RG6 COAXIAL CABLE              |
|-------------------------------------|--------------------------------|
| Inner Conductor Material:           | CCS                            |
| Inner Conductor Diameter:           | 1.02mm ±0.005mm                |
| Insulation Material:                | Physically Foamed PE           |
| Insulation Diameter:                | 4.57mm                         |
| 1st Outer Conductor Tape Material:  | Bonded Aluminum Laminated Tape |
| 2nd Outer Conductor Shielded Braid: | 0.12x128 ±0.005mm              |
| Jacket Material:                    | PVC                            |
| Jacket Diameter:                    | 6.80~6.90 ±0.2mm               |
| Jacket:                             | 6.91                           |
| <b>Mechanical Properties</b>        |                                |
| Cable length:                       | 305M                           |
| Min. single bending radius:         | 35mm                           |
| Pulling strength:                   | 200N                           |
| Adhesion Force:                     | >20N                           |
| <b>Electrical Characteristics</b>   |                                |
| Impedance:                          | 75Ω ± 3                        |
| Nominal Capacitance:                | 54pF/m                         |
| Velocity of Propagation:            | 82%                            |
| DC breakdown voltage:               | 2.5kV                          |
| Insulation resistance:              | ≥ 5000MΩxKm                    |
| Screening attenuation:              | ≥ 75dB@30~1000MHz              |
| <b>Return Loss:</b>                 |                                |
| 5-1000MHz:                          | ≥ 20dB                         |
| 1000-2000MHz:                       | ≥ 20dB                         |

| Attenuation (@ 20°C) |                       |                        |
|----------------------|-----------------------|------------------------|
| Frequency (MHz)      | Attenuation (dB/100m) | Attenuation (dB/100ft) |
| 5.0                  | 1.9                   | 0.6                    |
| 55.0                 | 5.3                   | 1.6                    |
| 83.0                 | 6.4                   | 2.0                    |
| 85.0                 | 6.5                   | 2.0                    |
| 187.0                | 9.4                   | 2.9                    |
| 204.0                | 9.8                   | 3.0                    |
| 211.0                | 10.0                  | 3.1                    |
| 250.0                | 10.8                  | 3.3                    |
| 300.0                | 11.6                  | 3.6                    |
| 350.0                | 12.6                  | 3.9                    |
| 400.0                | 13.6                  | 4.2                    |
| 450.0                | 14.4                  | 4.4                    |
| 500.0                | 15.3                  | 4.7                    |
| 550.0                | 16.1                  | 4.9                    |
| 600.0                | 16.7                  | 5.1                    |
| 750.0                | 18.5                  | 5.7                    |
| 865.0                | 20.0                  | 6.1                    |
| 1000.0               | 21.5                  | 6.6                    |
| 1218.0               | 23.7                  | 7.2                    |
| 1300.0               | 24.7                  | 7.5                    |
| 1400.0               | 25.7                  | 7.8                    |
| 1500.0               | 26.7                  | 8.1                    |
| 1600.0               | 27.6                  | 8.4                    |
| 1700.0               | 28.5                  | 8.7                    |
| 1794.0               | 29.4                  | 9.0                    |
| 1800.0               | 29.4                  | 9.0                    |
| 2000.0               | 31.2                  | 9.5                    |
| 2200.0               | 32.8                  | 10.0                   |
| 2500.0               | 35.2                  | 10.7                   |
| 2800.0               | 37.5                  | 11.4                   |
| 3000.0               | 38.9                  | 11.9                   |

